

Fig. 1A

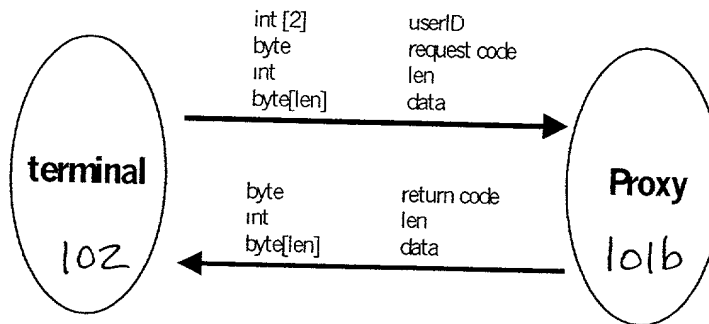


Fig. 1B

Request code	Descriptions
ReqGotoContent	Request message to get content. Request data includes: <ul style="list-style-type: none"> - URL - device information - screen width, height, color depth, etc.
ReqPage	Request message to get a set of graphical primitives to render one page. Request data includes: <ul style="list-style-type: none"> - start page number - end page number

Return code	Descriptions
RcdOK	
RcdError	This indicates existence of error in server
RcdFont	Font pattern images for content
RcdPageGprimitives	Graphic primitives for each pages

Fig. 1C

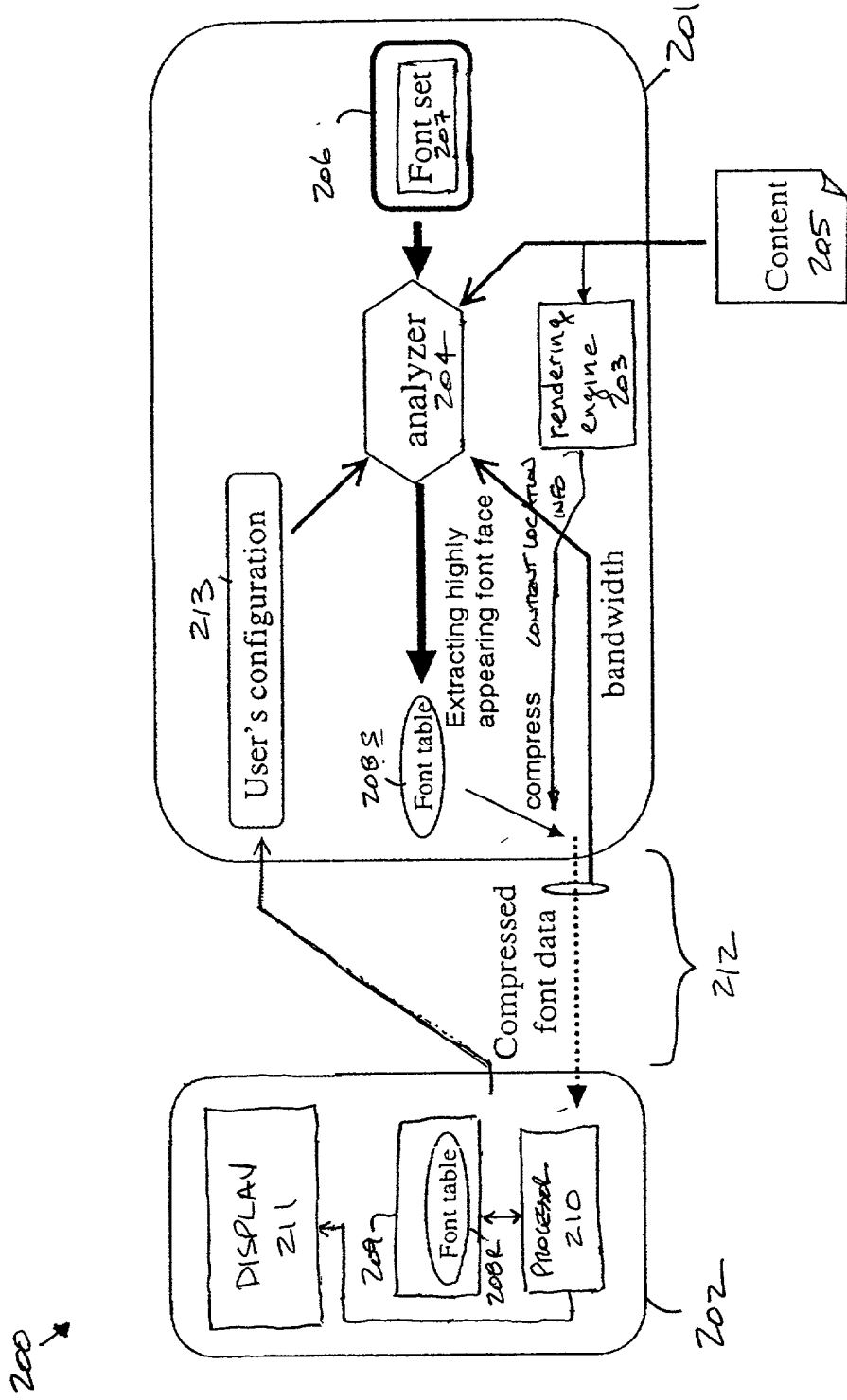


FIG. 2

```
<?xml version='1.0' encoding='Shift_JIS' ?>
<!DOCTYPE html SYSTEM "file:///apps/ahitpd/htdocs/ep-documents/oetdoc1.dtd">
```

```
<html>
<head>
<title>Nokia to expand Shanghai MCC GSM network in China with a deal worth almost USD 40 million</title>
</head>
<body style="margin-left:10;margin-top:30;margin-bottom:15;font-family:sans-serif;font-size:x-small">
```

```
<br>
<br>
```

```
<b><div style="font-family:arial;font-size:large">Nokia to expand Shanghai MCC GSM network in China with a deal
worth almost USD 40 million</div></b>
```

```
<br>
<br>
```

```
<font style="font-family:arial;font-size:small"><p>(December 18, 2000)</p></font>
```

```
<font style="font-family:serif;font-size:medium">
```

```
<br>
<br>
```

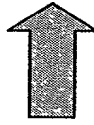
Nokia has signed an agreement valued at almost USD 40 million, with Shanghai Mobile Communications Company for the expansion of its <i>GSM 1800</i> network in China. The deal sees the mobile network capacity increase by a million subscribers and this phase of the network is expected to be operational next year. Nokia will supply and install <i>GSM 1800</i> base stations.

```
</font>
```

```
</body>
</html>
```

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Analyzing



Rendering

Nokia to expand Shanghai MCC GSM network in China with a deal worth almost USD 40 million
(December 18, 2000)

Nokia has signed an agreement valued at almost USD 40 million, with Shanghai Mobile Communications Company for the expansion of its *GSM 1800* network in China. The deal sees the mobile network capacity increase by a million subscribers and this phase of the network is expected to be operational next year. Nokia will supply and install *GSM 1800* base stations.

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Index	Font name	Font size	Font style	Letter	Appearance
0	serif	4			58
1	serif	4		e	30
2	serif	4		a	28
3	serif	4		i	26
4	serif	4		n	23
5	serif	4		t	21
6	serif	4		o	21
7	serif	4		s	20
8	arial	5	bold		16
9	serif	4		l	15
10	serif	4		h	11
11	serif	4		r	10
12	arial	5	bold		8
13	serif	4		a	8
14	serif	4		m	8
15	arial	5	bold		7
16	serif	4		b	7
17	arial	5	bold		6
18	arial	5	bold		6
19	serif	4		n	6
20	serif	4		c	6
21	arial	5	bold		5
22	serif	4		y	5
23	serif	4		w	5
24	serif	4		k	5
25	arial	5	bold		5
26	serif	4	italic		4
27	serif	4		u	4
28	arial	5	bold		4
29	arial	5	bold		3
30	serif	4		C	3
31	arial	3	italic		3
32	serif	4		e	3
33	arial	5	bold		3
34	arial	5	italic		3
35	serif	4		o	3
36	serif	4		f	3
37	serif	4		S	3
38	arial	5	bold		3
39	arial	5	bold	w	3
40	serif	4	italic	G	2
41	serif	4	italic	S	2
42	arial	5	bold	d	2
43	serif	4		N	2
44	serif	4	italic	k	2
45	arial	5	bold		2
46	serif	4		S	2
47	serif	4	italic	l	2
48	arial	5	bold	M	2
49	serif	4	italic		2
50	arial	5	bold	m	2

...

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Fig. 3

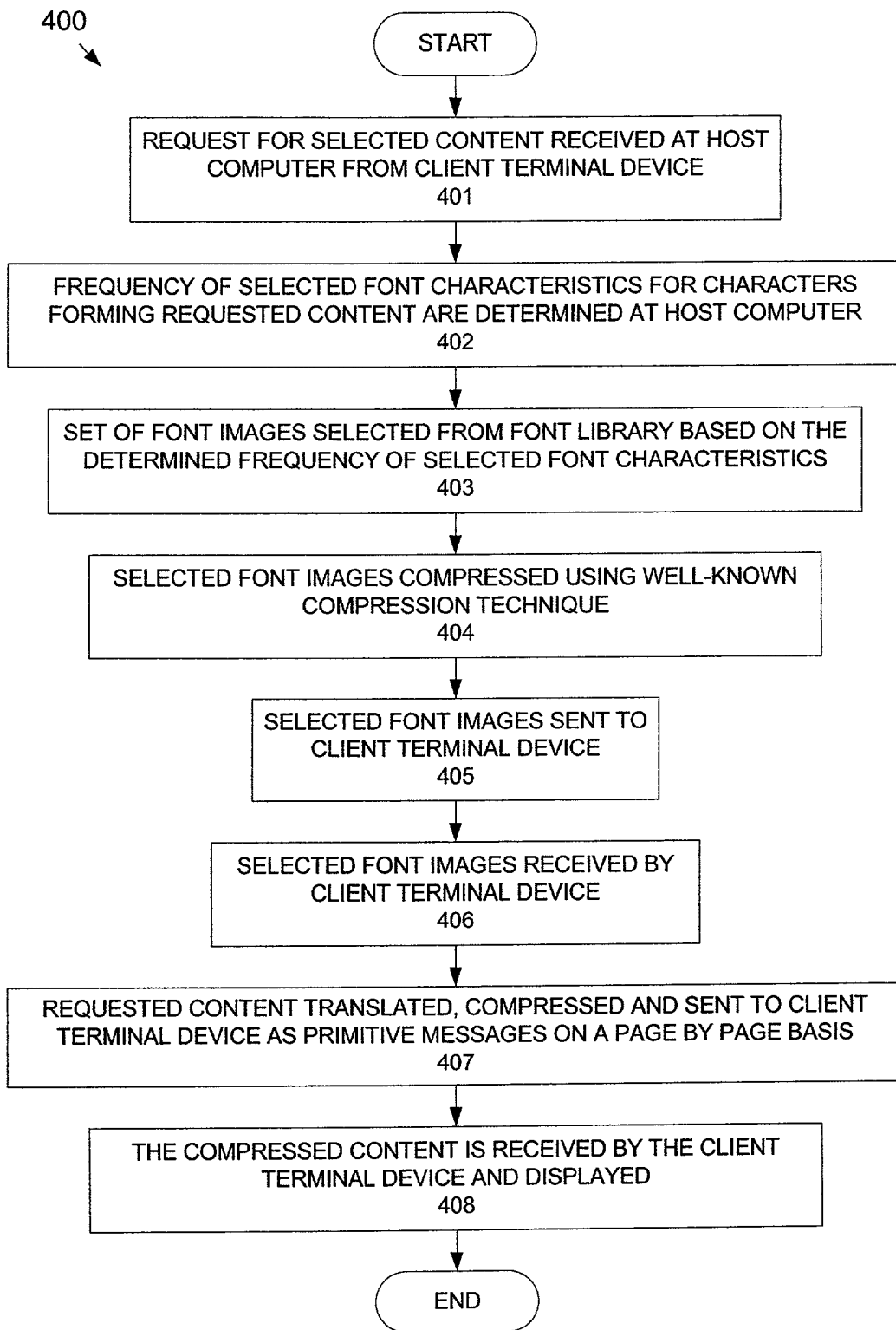
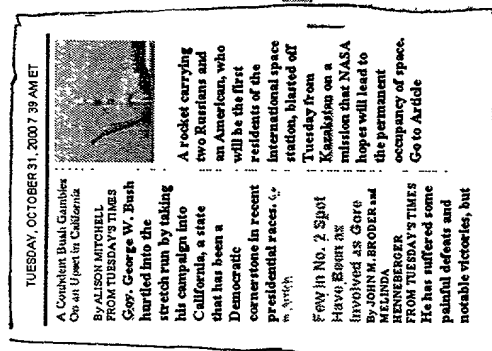


FIG. 4



face	size	style	char	count
Arial	16	plain	e	323
Arial	16	plain	o	261
Serif	24	bold	A	102
		...		

Up to 255 font faces

155

502

Fig. 5A

No.	face	size	style	char	count
0	Arial	16	plain	e	323
1	Arial	16	plain	o	261
2	Times	12	bold	A	102
3	Times	12	bold	h	89
					...

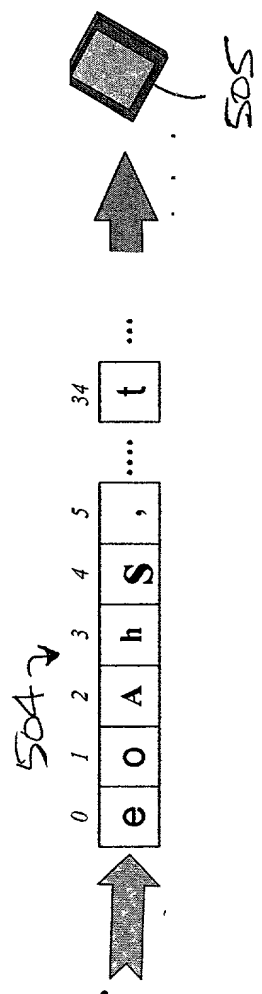
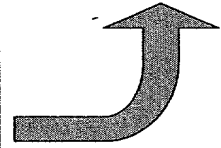


Fig. 5B

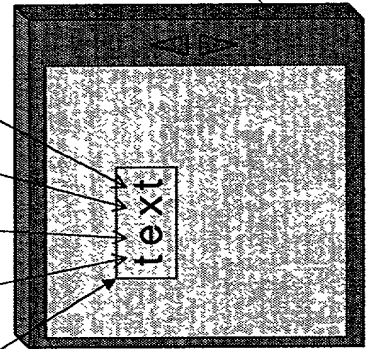
FIG. 5C is a schematic diagram of a text processing system. The system includes a text input unit 503, a text processing unit 506, and a text output unit 505. The text input unit 503 receives text input and outputs text to the text processing unit 506. The text processing unit 506 processes the text and outputs text to the text output unit 505. The text output unit 505 outputs the processed text to a display unit 504. The display unit 504 displays the processed text.

No.	face	size	style	character
0	Arial	16	plain	e
1	Arial	16	plain	o
2	Times	12	bold	A
3	Times	12	bold	h
...
34	Arial	16	plain	t

503



506



505

Fig. 5C